

**SYSTEM FOR REDUCED POWER CONSUMPTION BY MONITORING VIDEO  
CONTENT AND METHOD THEREOF**

**ABSTRACT OF THE DISCLOSURE**

A system and method are provided for reducing power consumption within a video processing portion of a system based on display content. Display content is monitored to determine whether the display content is changing. New display content is compared to old display content to determine if the display content is changing. If the display content has not changed, a frame rate used to output display data is reduced. A color depth associated with the display data is also reduced. Power consumption can be reduced when it is determined that display content is not changing.